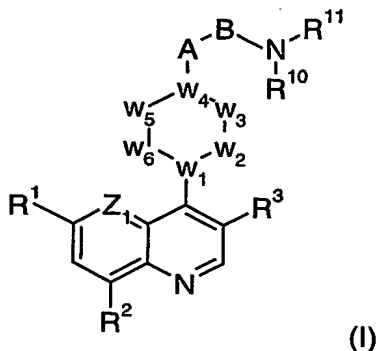


What is claimed is:

1. A compound of formula (I)



wherein:

$Z_1$  is N or  $CR^{1a}$ ;

$R^1$  and  $R^{1a}$  are independently hydrogen; hydroxy;  $(C_{1-6})$ alkoxy unsubstituted or substituted by  $(C_{1-6})$ alkoxy, hydroxy, amino, piperidyl, guanidino or amidino any of which is unsubstituted or N-substituted by one or two  $(C_{1-6})$ alkyl, acyl,  $(C_{1-6})$ alkylsulphonyl,  $CONH_2$ , hydroxy,  $(C_{1-6})$ alkylthio, heterocyclythio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy or  $(C_{1-6})$ alkylsulphonyloxy;  $(C_{1-6})$ alkoxy-substituted  $(C_{1-6})$ alkyl; halogen;  $(C_{1-6})$ alkyl;  $(C_{1-6})$ alkylthio; trifluoromethyl; trifluoromethoxy; nitro; azido; cyano; acyl; acyloxy; acylthio;  $(C_{1-6})$ alkylsulphonyl;  $(C_{1-6})$ alkylsulphoxide; arylsulphonyl; arylsulphoxide; or an amino, piperidyl, guanidino or amidino group unsubstituted or N-substituted by one or two  $(C_{1-6})$ alkyl, acyl or  $(C_{1-6})$ alkylsulphonyl groups; or  $R^1$  and  $R^{1a}$  may together form ethylenedioxy;

provided that when  $Z_1$  is  $CR^{1a}$  then  $R^1$  is not H;

$R^2$  is H or halogen;

provided that when  $Z_1$  is N, then  $R^2$  is H;

$R^3$  is hydrogen; halogen; hydroxy; cyano;  $CF_3$ ; nitro; azido; acyl; aryl; heteroaryl;  $CO_2H$ ; acyloxy; acylthio;  $(C_{1-6})$ alkyl unsubstituted or substituted by one or two  $(C_{1-6})$ alkoxy, hydroxy, amino, piperidyl, guanidino or amidino any of which is unsubstituted or N-

substituted by one or two (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>1-6</sub>)alkoxy unsubstituted or substituted by one or two (C<sub>1-6</sub>)alkoxy, hydroxy, amino, piperidyl, guanidino or amidino any of which is unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>3-7</sub>)cycloalkyl; (C<sub>1-6</sub>)alkoxy-substituted(C<sub>1-6</sub>)alkyl; (C<sub>1-6</sub>)alkylthio; trifluoromethoxy; (C<sub>1-6</sub>)alkylsulphonyl; (C<sub>1-6</sub>)alkylsulphoxide; arylsulphonyl; or arylsulphoxide; or an amino, piperidyl, guanidino or amidino group unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl or (C<sub>1-6</sub>)alkylsulphonyl groups;

w<sub>1</sub> is N, C, or CR<sup>4</sup>;

w<sub>2</sub> is C=O, CR<sup>4</sup>, or CR<sup>4</sup>R<sup>5</sup>;

w<sub>3</sub> is C=O or CR<sup>4</sup>R<sup>5</sup>;

w<sub>4</sub> is N or CR<sup>4</sup>;

w<sub>5</sub> is C=O or CR<sup>4</sup>R<sup>5</sup>;

w<sub>6</sub> is C=O, CR<sup>4</sup>, or CR<sup>4</sup>R<sup>5</sup>;

Alternatively, one of W<sub>2</sub>, W<sub>3</sub>, W<sub>5</sub> and W<sub>6</sub> is CR<sup>4</sup>R<sup>5</sup>CR<sup>4</sup>R<sup>5</sup> and the others defined as above;

each R<sup>4</sup> and R<sup>5</sup> is independently hydrogen; halogen; hydroxy; cyano; CF<sub>3</sub>; nitro; azido; acyl; aryl; heteroaryl; CO<sub>2</sub>H; acyloxy; acylthio; (C<sub>1-6</sub>)alkyl unsubstituted or substituted by one or two (C<sub>1-6</sub>)alkoxy, hydroxy, amino, piperidyl, guanidino or amidino any of which is unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>1-6</sub>)alkoxy unsubstituted or substituted by one or two (C<sub>1-6</sub>)alkoxy, hydroxy, amino, piperidyl, guanidino or amidino any of which is unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>3-7</sub>)cycloalkyl; (C<sub>1-6</sub>)alkoxy-substituted(C<sub>1-6</sub>)alkyl; (C<sub>1-6</sub>)alkylthio; trifluoromethoxy; (C<sub>1-6</sub>)alkylsulphonyl; (C<sub>1-6</sub>)alkylsulphoxide; arylsulphonyl; or arylsulphoxide; or an amino, piperidyl, guanidino or amidino group unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl or (C<sub>1-6</sub>)alkylsulphonyl groups; or two R<sup>5</sup> groups are joined together to form bicycloheptane;

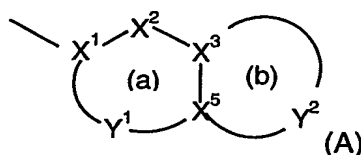
A is CR<sup>6</sup>R<sup>7</sup> or C(O);

B is CR<sup>8</sup>R<sup>9</sup> or C(O);

R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, and R<sup>9</sup> are independently hydrogen; halogen; hydroxy; cyano; CF<sub>3</sub>; nitro; azido; acyl; aryl; heteroaryl; CO<sub>2</sub>H; acyloxy; acylthio; (C<sub>1-6</sub>)alkyl unsubstituted or substituted by one or two (C<sub>1-6</sub>)alkoxy, hydroxy, amino, piperidyl, guanidino or amidino any of which is unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocycloxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>1-6</sub>)alkoxy unsubstituted or substituted by one or two (C<sub>1-6</sub>)alkoxy, hydroxy, amino, piperidyl, guanidino or amidino any of which is unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocycloxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>3-7</sub>)cycloalkyl; (C<sub>1-6</sub>)alkoxy-substituted(C<sub>1-6</sub>)alkyl; (C<sub>1-6</sub>)alkylthio; trifluoromethoxy; (C<sub>1-6</sub>)alkylsulphonyl; (C<sub>1-6</sub>)alkylsulphoxide; arylsulphonyl; or arylsulphoxide; or an amino, piperidyl, guanidino or amidino group unsubstituted or N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl or (C<sub>1-6</sub>)alkylsulphonyl groups;

R<sup>10</sup> is hydrogen; aryl; heteroaryl; (C<sub>1-6</sub>)alkyl unsubstituted or substituted by one or two (C<sub>1-6</sub>)alkoxy, hydroxy, amino, piperidyl, piperazinyl, morpholino, guanidino, or amidino, any of which is unsubstituted or N-substituted by one or two aryl, heteroaryl, halogen, cyano, CF<sub>3</sub>, unsubstituted (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, arylsulphonyl, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocycloxy, arylthio, aryloxy, acylthio, acyloxy, or (C<sub>1-6</sub>)alkylsulphonyloxy, so long as the substitution does not lead to an unstable compound; (C<sub>1-6</sub>)alkoxy-substituted(C<sub>1-6</sub>)alkyl; hydroxy-substituted(C<sub>1-6</sub>)alkyl; (C<sub>1-6</sub>)alkylcarbonyl; (C<sub>2-6</sub>)alkenylcarbonyl; (C<sub>1-6</sub>)alkoxycarbonyl; CO<sub>2</sub>H; or CF<sub>3</sub>;

R<sup>11</sup> is a group -U-R<sup>12</sup> where R<sup>12</sup> is a substituted or unsubstituted bicyclic carbocyclic or heterocyclic ring system (A):



containing up to four heteroatoms in each ring in which

at least one of rings (a) and (b) is aromatic;

X<sup>1</sup> is C or N when part of an aromatic ring or CR<sup>14</sup> when part of a non aromatic ring;

X<sup>2</sup> is N, NR<sup>13</sup>, O, S(O)<sub>x</sub>, CO or CR<sup>14</sup> when part of an aromatic or non-aromatic ring or may in addition be CR<sup>14</sup>R<sup>15</sup> when part of a non aromatic ring;

X<sup>3</sup> and X<sup>5</sup> are independently N or C;

Y<sup>1</sup> is a 0 to 4 atom linker group each atom of which is independently selected from N, NR<sup>13</sup>, O, S(O)<sub>x</sub>, CO and CR<sup>14</sup> when part of an aromatic or non-aromatic ring or may additionally be CR<sup>14</sup>R<sup>15</sup> when part of a non aromatic ring,

Y<sup>2</sup> is a 2 to 6 atom linker group, each atom of Y<sup>2</sup> being independently selected from N, NR<sup>13</sup>, O, S(O)<sub>x</sub>, CO and CR<sup>14</sup> when part of an aromatic or non-aromatic ring or may additionally be CR<sup>14</sup>R<sup>15</sup> when part of a non aromatic ring; each of R<sup>14</sup> and R<sup>15</sup> is independently selected from: H; (C<sub>1-4</sub>)alkylthio; halo; (C<sub>1-4</sub>)alkyl; (C<sub>2-4</sub>)alkenyl; hydroxy; hydroxy(C<sub>1-4</sub>)alkyl; mercapto(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkoxy; trifluoromethoxy; nitro; cyano; carboxy; amino or aminocarbonyl unsubstituted or substituted by (C<sub>1-4</sub>)alkyl.

each R<sup>13</sup> is independently H; trifluoromethyl; (C<sub>1-4</sub>)alkyl unsubstituted or substituted by hydroxy, carboxy, (C<sub>1-4</sub>)alkoxy, (C<sub>1-6</sub>)alkylthio, halo or trifluoromethyl; (C<sub>2-4</sub>)alkenyl; or aminocarbonyl wherein the amino group is optionally substituted (C<sub>1-4</sub>)alkyl;

each x is independently 0, 1 or 2;

U is CO, SO<sub>2</sub>, CH<sub>2</sub>, or CR<sup>16</sup>R<sup>17</sup>;

R<sup>16</sup> and R<sup>17</sup> are independently selected from H; aryl; heteroaryl; (C<sub>1-6</sub>)alkyl; (C<sub>1-6</sub>)alkyl substituted by (C<sub>1-6</sub>)alkoxy, hydroxy, amino, piperidyl, piperazinyl, morpholino, guanidino, or amidino, any of which is substituted or N-substituted by one or two H, aryl, heteroaryl, halogen, cyano, CF<sub>3</sub>, (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, arylsulphonyl, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclythio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy, or (C<sub>1-6</sub>)alkylsulphonyloxy, so long as the substitution does not lead to an unstable compound; (C<sub>1-6</sub>)alkoxy-substituted(C<sub>1-6</sub>)alkyl; hydroxy-substituted(C<sub>1-6</sub>)alkyl; amino-substituted(C<sub>1-6</sub>)alkyl, which is N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl, (C<sub>1-6</sub>)alkylsulphonyl, or arylsulphonyl; (C<sub>1-6</sub>)alkylcarbonyl; (C<sub>2-6</sub>)alkenylcarbonyl; (C<sub>1-6</sub>)alkoxycarbonyl; CO<sub>2</sub>H; or CF<sub>3</sub>; or

a pharmaceutically acceptable salt or salts thereof.

2. A compound according to claim 1, wherein R<sup>1</sup> is F, Cl, OCH<sub>3</sub>, methyl, or SCH<sub>3</sub>.
3. A compound according to claim 1, wherein R<sup>1a</sup> is H, OCH<sub>3</sub>, or OCH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>.
4. A compound according to claim 1, wherein R<sup>2</sup> is H or F.
5. A compound according to claim 1, wherein R<sup>3</sup> is Cl or F.
6. A compound according to claim 1, wherein each R<sup>4</sup> is independently H, OH, OCH<sub>3</sub>, or CH<sub>2</sub>OH.
7. A compound according to claim 1, wherein R<sup>5</sup> is H.
8. A compound according to claim 1, wherein the group -U- is -CH<sub>2</sub>-.
9. A compound according to claim 1, wherein R<sup>12</sup> is:  
benzo[1,2,5]thiadiazol-5-yl;  
4H-benzo[1,4]thiazin-3-one-6-yl;  
2,3-dihydro-benzo[1,4]dioxin-6-yl;  
benzo[1,2,3]thiadiazol-5-yl;  
3-oxo-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl;  
7-fluoro-3-oxo-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl;  
2-oxo-2,3-dihydro-1H-pyrido[2,3-b][1,4]thiazin-7-yl;  
2,3-Dihydro-[1,4]dioxino[2,3-c]pyridin-7-yl;  
3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]oxazin-6-yl;  
[1,2,3]thiadiazolo[5,4-b]pyridin-6-yl;  
3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl;  
7-chloro-3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl; or  
7-fluoro-3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl.

10. A compound according to claim 1, wherein the compound is:

6-((2-[1-(6-methoxyquinolin-4-yl)piperidin-4-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[1-(6-methoxyquinolin-4-yl)piperidin-4-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

(2,3-dihydro-[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)-(2-[1-(6-methoxyquinolin-4-yl)piperidin-4-yl]ethyl)amine;

6-((2-[1-(6-methoxynaphthyridin-4-yl)piperidin-4-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[1-(6-methoxynaphthyridin-4-yl)piperidin-4-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

(2,3-dihydro-[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)-(2-[1-(6-methoxynaphthyridin-4-yl)piperidin-4-yl]ethyl)amine;

6-((2-[1-(3-chloro-6-methoxy-[1,5]quinolin-4-yl)phenyl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[1-(3-chloro-6-methoxy-[1,5]quinolin-4-yl)phenyl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

(2-[1-(3-chloro-6-methoxyquinolin-4-yl)piperidin-4-yl]ethyl)-(2,3-dihydro[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)amine;

6-((2-[1-(3-chloro-6-methoxy-[1,5]naphthyridin-4-yl)phenyl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[1-(3-chloro-6-methoxy-[1,5]naphthyridin-4-yl)phenyl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

(2-[1-(3-chloro-6-methoxynaphthyridin-4-yl)piperidin-4-yl]ethyl)-(2,3-dihydro[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)amine;

6-((2-[4-(6-methoxyquinolin-4-yl)piperazin-1-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[4-(6-methoxyquinolin-4-yl)piperazin-1-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

(2,3-dihydro-[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)-(2-[4-(6-methoxyquinolin-4-yl)piperizin-1-yl]ethyl)amine;

6-((2-[4-(6-methoxynaphthyridin-4-yl)piperazin-1-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[4-(6-methoxynaphthyridin-4-yl)piperazin-1-yl]ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

(2,3-dihydro-[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)-(2-[4-(6-methoxynaphthyridin-4-yl)piperazin-1-yl]ethyl)amine;

6-((2-[4-(3-chloro-6-methoxyquinolin-4-yl)piperazin-1-yl] ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[4-(3-chloro-6-methoxyquinolin-4-yl)piperazin-1-yl] ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

{2-[4-(3-chloro-6-methoxyquinolin-4-yl)piperazin-1-yl]ethyl}-(2,3-dihydro[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)amine;

6-((2-[4-(3-chloro-6-methoxynaphthyridin-4-yl)piperazin-1-yl] ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]oxazin-3-one;

6-((2-[4-(3-chloro-6-methoxynaphthyridin-4-yl)piperazin-1-yl] ethylamino)methyl)-4*H*-pyrido[3,2-*b*][1,4]thiazin-3-one;

{2-[4-(3-chloro-6-methoxynaphthyridin-4-yl)piperazin-1-yl]ethyl}-(2,3-dihydro[1,4]dioxino[2,3-*c*]pyridin-7-ylmethyl)amine;

6-((2-[4-(6-Methoxy-[1,5]naphthyridin-4-yl)-3,6-dihydro-2 *H* -pyridin-1-yl]-2-oxoethylamino)-methyl) -4 *H* -pyrido[3,2-*b*][1,4]thiazin-3-one;

N-(2-{1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl}ethyl)-3-oxo-3,4-dihydro-2*H*-pyrido[3,2-*b*][1,4]thiazine-6-carboxamide;

N-(2-{1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl}ethyl)-3-oxo-3,4-dihydro-2*H*-1,4-benzothiazine-6-sulfonamide;

N-methyl-N-(2-{1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl} ethyl)-3-oxo-3,4-dihydro-2*H*-pyrido[3,2-*b*][1,4]thiazine-6-carboxamide;

N-methyl-N-(2-{1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl} ethyl)-3-oxo-3,4-dihydro-2*H*-1,4-benzothiazine-6-sulfonamide;

N-(2-{1-[3-chloro-6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl} ethyl)-3-oxo-3,4-dihydro-2*H*-1,4-benzothiazine-6-sulfonamide;

7-(((2-[4-[6-(methyloxy)-1,5-naphthyridin-4-yl]-1-piperazinyl]ethyl) oxy) methyl)-2,3-dihydro[1,4]dioxino[2,3-*c*]pyridine;

N-(2-{4-[6-(methyloxy)-1,5-naphthyridin-4-yl]-1-piperazinyl}ethyl)-3-oxo-3,4-dihydro-2*H*-pyrido[3,2-*b*][1,4]thiazine-6-carboxamide;

N-methyl-N-(2-{4-[6-(methyloxy)-1,5-naphthyridin-4-yl]-1-piperazinyl}ethyl)-3-oxo-3,4-dihydro-2*H*-pyrido[3,2-*b*][1,4]thiazine-6-carboxamide;

N-(2-{4-[6-(methyloxy)-1,5-naphthyridin-4-yl]-1-piperazinyl}ethyl)-3-oxo-3,4-dihydro-2*H*-1,4-benzothiazine-6-sulfonamide;

N-methyl-N-(2-{4-[6-(methyloxy)-1,5-naphthyridin-4-yl]-1-piperazinyl} ethyl)-3-oxo-3,4-dihydro-2*H*-1,4-benzothiazine-6-sulfonamide;

6-[[[(2-{4-[6-(methyloxy)-1,5-naphthyridin-4-yl]hexahydro-1H-1,4-diazepin-1-yl}ethyl)amino)methyl]-2H-pyrido[3,2-b][1,4]thiazin-3(4H)-one;

N-(2-{4-[6-(methyloxy)-1,5-naphthyridin-4-yl]hexahydro-1H-1,4-diazepin-1-yl}ethyl)-3-oxo-3,4-dihydro-2H-1,4-benzothiazine-6-sulfonamide;

6-[[[(2-{(1R,4R)-5-[6-(methyloxy)-1,5-naphthyridin-4-yl]-2,5-diazabicyclo[2.2.1]hept-2-yl}ethyl)amino)methyl]-2H-pyrido[3,2-b][1,4]thiazin-3(4H)-one;

6-[[[(1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl)amino)methyl]-2H-pyrido[3,2-b][1,4]thiazin-3(4H)-one;

6-[[[(2-{4-hydroxy-1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl}ethyl)amino)methyl]-2H-pyrido[3,2-b][1,4]thiazin-3(4H)-one;

6-[[[(2-{4-hydroxy-1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl}ethyl)amino)methyl]-2H-pyrido[3,2-b][1,4]oxazin-3(4H)-one;

N-(2-{4-hydroxy-1-[6-(methyloxy)-1,5-naphthyridin-4-yl]-4-piperidinyl}ethyl)-3-oxo-3,4-dihydro-2H-1,4-benzothiazine-6-sulfonamide;

6-[[[(2-{4-[7-fluoro-6-(methyloxy)-1,5-naphthyridin-4-yl]-1-piperazinyl}ethyl)amino)methyl]-2H-pyrido[3,2-b][1,4]thiazin-3(4H)-one;

6-[[[(2-{4-[7-fluoro-6-(methyloxy)-1,5-naphthyridin-4-yl]-1-piperazinyl}ethyl)amino)methyl]-2H-pyrido[3,2-b][1,4]oxazin-3(4H)-one; or

a pharmaceutical salt or salts thereof.

11. A pharmaceutical composition, comprising a compound according to claim 1 and a pharmaceutically acceptable carrier.

12. A method of treating bacterial infections in mammals, which comprises administering to a mammal in need thereof an effective amount of a compound according to claim 1.